



Blue Peak Mine

1. Location/Land Status: The Blue Peak Mine (called Bobcat Mine in field notes) is located on BLM land within Section 24, T13N, R10W on the USGS Dos Lomas quadrangle. Physical access to this mine can be gained by traveling north from Milan, NM on NM 605 eleven miles to Haystack Road, then west approximately 1.5 miles from NM 605 on Haystack Road to a private gate on the north of road. The Blue Peak mine is approximately 1.2 miles north of Haystack Road and 0.8 miles NNW of a private residence. Legal access to this property was graciously provided by Mr. Robert Schmitt of 57 NM 509, Grants, NM 87020, phone (505) 287-2260.

2. Human Activity: The Blue Peak Mine is approximately 0.8 miles from the nearest residence.

3. Radiological Survey: Radiological survey results were as follows: ground surface maximum of 140 $\mu\text{R}/\text{hour}$ and minimum of 50 $\mu\text{R}/\text{hour}$. Four-foot elevation maximum was 140 $\mu\text{R}/\text{hour}$ and minimum was 36 $\mu\text{R}/\text{hour}$. As the site is a cut into a steep mesa, radiological readings outside the area of disturbance were not collected.

4. Mine Disturbance: The site consists of numerous road cuts along the contours of the mesa. The majority of these roads have been eroded away. The mine itself is composed of two benches cut into the mesa-side: one consisting of the main workings, the other of a load-out. The total disturbed area on site is an estimated 2 acres. Remains of the wooden load-out structure are the only evidence the site was a mine. Any evidence of mining along the high bench of main workings has been covered by slumping of the steep slope.

5. Plant Community: The surrounding area is characteristically mixed pinon-juniper and grass, including: 30% grass, 10% forbs, 20% shrubs, and 40% bare earth. The vegetation on site is primarily grasses (15%) with remaining ground bare.

6. Soils: Soils at the site are rock outcrop-Westmion-Skyvillage complex, 30 to 80 percent slopes. The soils column is generally as follows: 0 to 2 inches gravelly clay loam, 2 to 14 inches clay, 14 to 20 inches bedrock.

7. Wildlife: There was no wildlife sign directly observed on this site.

8. Land Use: Land use at this site consists of light to moderate grazing on pinon-juniper forest.

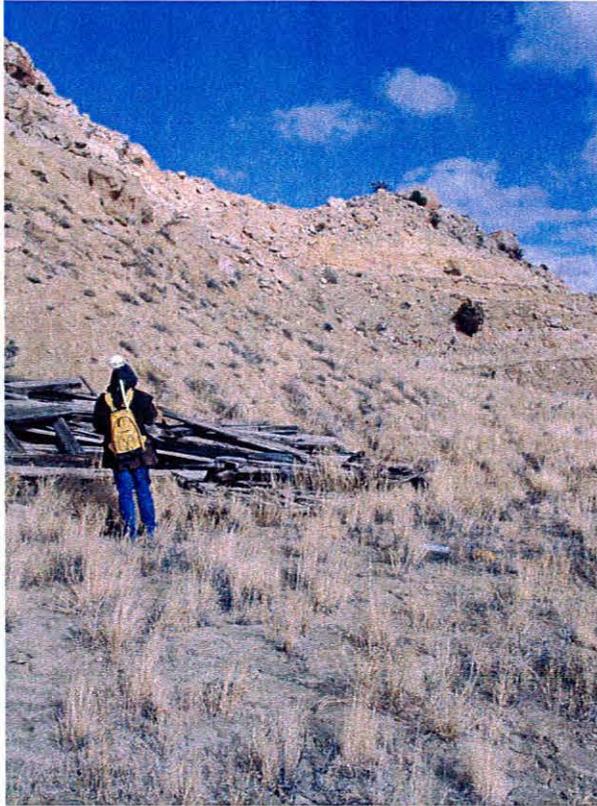
9. Off-Site Impacts: No off-site impacts were noted.

10. Topographic Features: The site is cut into the steep side of a mesa.

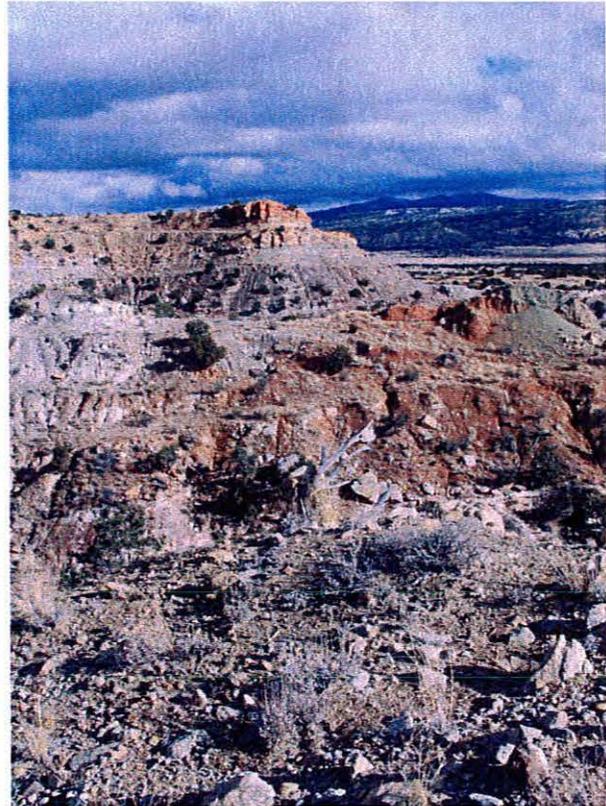
11. Hydrogeology: Based on a review of the New Mexico Office of the State Engineer (NMOSE) iWaters database, there are two well records on file for wells within one mile of

the site. Only one of the wells has a recorded depth to water, which is 280 feet. This well is due south of the site approximately 0.7 miles.

The nearest surface water drainage feature is approximately 0.6 miles to the southwest.



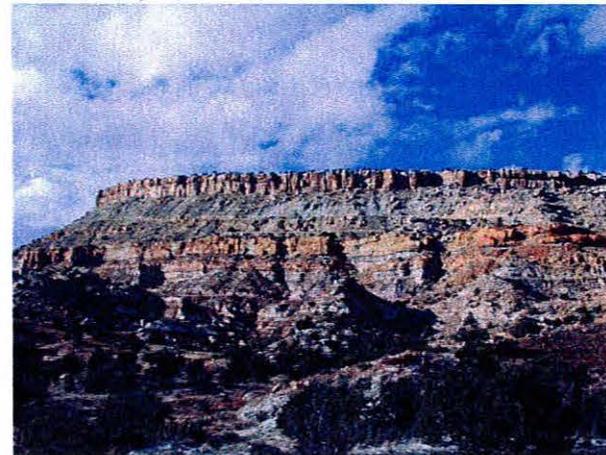
Load-out, view east



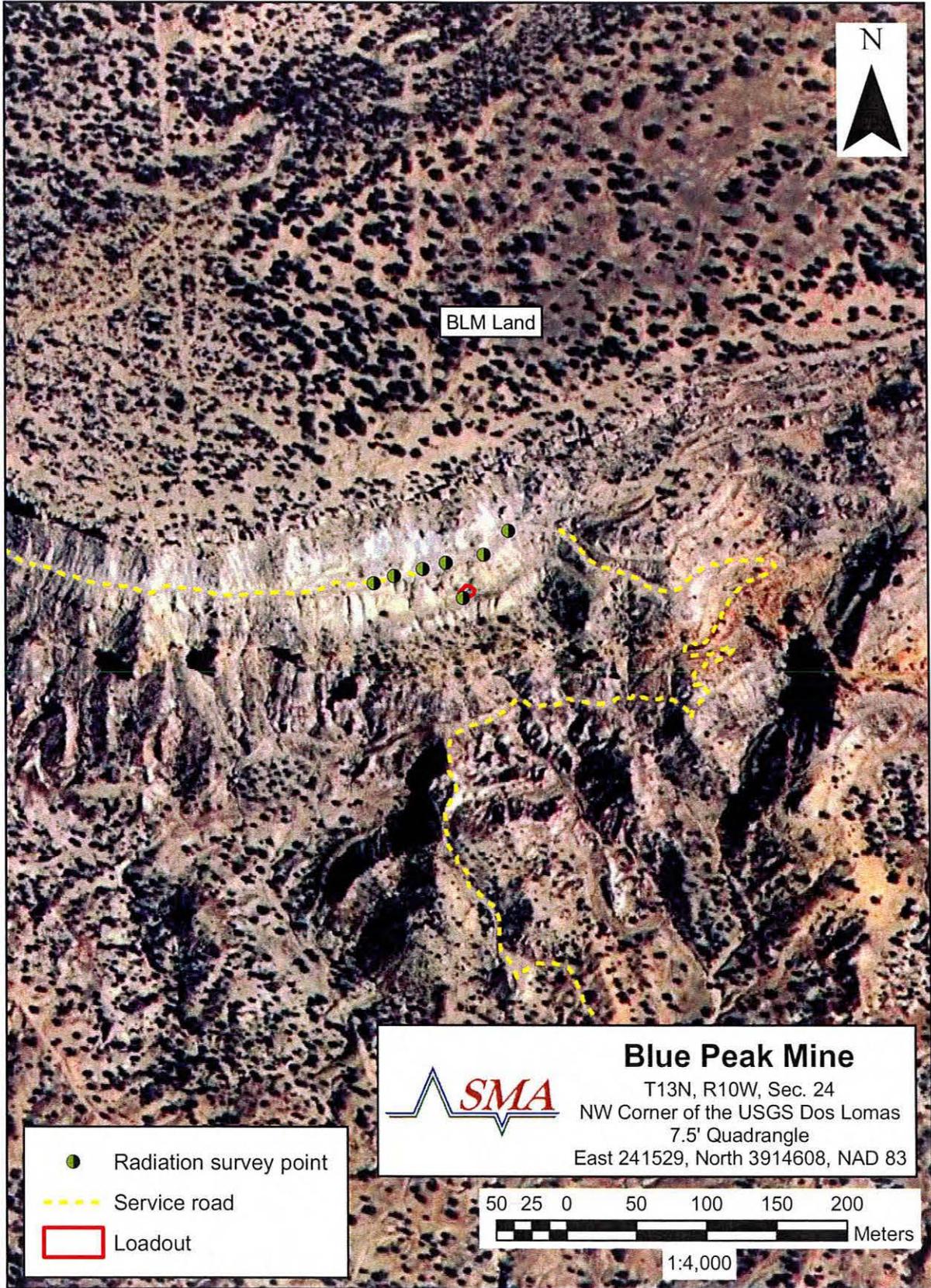
Mid-level, view east



Panorama of mine



View to West



AUM Field Survey Data Sheet

Site Bobcat

Date 1/25/08	Time On-Site	Time Off-Site	By Baldwin Mertz	
Weather Conditions:				
Disturbances	GPS#	Description	Dim/Area/Volume	Photo #'s
Shafts				
Adits				
Pits				
Waste Rock Dumps				
Tailings				
Trenches				
Roads				
Erosional Features		roadcuts eroded		
Structures / Equipment	GPS#	Description	Dimensions	Photo #
Buildings	P3	Loadout - collapsed wooden structure	N/A	
Headframes				

AUM Field Survey Data Sheet

Site _____

Equipment				
Soils	GPS#	Description	Extent	Photo #
Vegetation	GPS#	Description	Extent	Photo #
Wildlife	GPS#	Description		Photo #
Human Activity (non-mining, w/in 0.5 mi of site)	GPS#	Description	Extent	Photo #
Land Use (grazing, agricultural, roads, etc., w/in 0.5 mi of site)	GPS#	Description	Extent	Photo #
Nearby Residences / Wells (w/in 0.5 mi of site)	GPS#	Description	Distance to Site	Photo #
Topographic Features (roads, water courses, etc.)	GPS#	Description		Photo #

SUBJECT

AUM balent

PROJECT

PAGE

CLIENT

DATE

12/25/08

BY

W. Galbraith

CHECKED

BY

GPS #	Description	MP/W	Surf/W	Asst
P3	balent call		140	140
P4				
P5				
P6	workings		110	60
P7	ll		80	50
P8	ll		70	60
P9	ll		80	70
P10	ll		100	80
P11	ll		50	30